

Listing of Claims:

Claims 1-32 (Canceled).

33. (previously presented) A power supply regulator, comprising:
a power switch coupled between first and second terminals;
a control circuit coupled to the power switch;
an oscillator coupled to provide the control circuit an oscillating signal, the control circuit to switch the power switch in response to the oscillating signal;
a current limit circuit coupled to the power switch and the control circuit to limit a current through the power switch; and

trim circuitry coupled to the oscillator and the current limit circuit, the trim circuitry to be trimmed during manufacture of the power supply regulator to determine a maximum deliverable power value of a power supply such that the maximum deliverable power of the power supply regulator is substantially constant with a maximum deliverable power of another power supply regulator.

34. (previously presented) The power supply regulator of claim 33 wherein the trim circuitry comprises:

frequency trim circuitry coupled to the oscillator; and
peak current limit threshold trim circuitry coupled to the current limit circuit.

35. (previously presented) The power supply regulator of claim 34 wherein the an operating frequency f of the oscillating signal is determined in response to the frequency trim

circuitry and a peak current limit threshold (I_p) is determined in response to the peak current limit threshold trim circuitry.

36. (previously presented) The power supply regulator of claim 35 wherein the frequency trim circuitry and the peak current limit threshold trim circuitry are trimmed during manufacture of the power supply regulator such that a product of a square of the peak current limit threshold I_p and the operating frequency f is substantially constant with a product of a square of a peak current limit threshold I_p and an operating frequency f of another power supply regulator.

37. (previously presented) The power supply regulator of claim 33, wherein the power supply regulator is part of a flyback converter power supply.

38. (previously presented) The power supply regulator of claim 33 wherein the power supply regulator is part of a buck converter power supply.